

# AQ28

Two-way passive reflex with dual bass drivers

## PRELIMINARY DATA

### features

- ▶ Compact two-way passive system
- ▶ Dual 8" (200mm) long-throw bass drivers
- ▶ Extended LF performance
- ▶ User rotatable 90° x 50° horn
- ▶ High power output
- ▶ Five year limited warranty

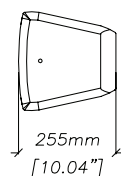
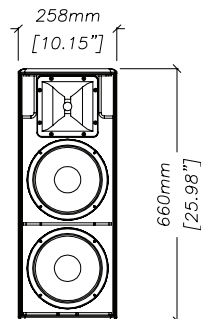
### applications

- ▶ Restaurants and bars
- ▶ Theatres
- ▶ Cruise Ships

The AQ28 is a two-way, dual-bass driver, passive loudspeaker designed to give extended LF performance from a compact, architecturally neutral, vented enclosure. It features dual 8" (200mm) long-throw, 2" (50mm) coil direct-radiating bass units and a 1.7" (44mm) diaphragm, 1" (25mm) exit compression driver, mounted on a proprietary, rotatable 90° x 50° constant directivity horn.

Below 250Hz both LF drivers operate together whilst above 250Hz only the upper LF driver is used to reproduce frequencies up to the crossover point. This technique avoids the uneven polar response which would occur if both drivers were operated over the same frequency band. The LF drivers are also fitted with flux demodulation rings, which reduce intermodulation distortion, in order to preserve midband clarity at high signal levels.

### overall dimensions



AQ28



architectural

### technical specifications

TYPE	Two-way passive reflex with dual bass drivers
FREQUENCY RESPONSE (5)	60Hz-18kHz ± 3dB
DRIVERS	2 x 8" (200mm)/2" (50mm) voice coil LF drivers 1" (25mm) exit HF compression driver
RATED POWER (2)	300W AES, 1200W peak
RECOMMENDED AMPLIFIER	400W-1000W into 4 ohms
SENSITIVITY (6)	95dB
MAXIMUM SPL (7)	120dB continuous, 126dB peak
NOMINAL IMPEDANCE	6 ohms
DISPERSION (-6dB)	90° horizontal, 50° vertical
CROSSOVER	2.5 kHz passive
ENCLOSURE	20 litre, 15/18mm MDF
FINISH	Textured light grey paint
PROTECTIVE GRILLE	Grey perforated steel
CONNECTORS	Low profile 20 amp push-lock
FITTINGS	6 x M8 inserts for bracket 2 x M8 inserts for safety point
DIMENSIONS	(W) 258mm x (H) 660mm x (D) 255mm (W) 10.2ins x (H) 26ins x (D) 10ins
WEIGHT	19kg (42lbs)

Century Point, Halifax Road, Cressex Business Park,  
High Wycombe, Buckinghamshire HP12 3SL, England.  
Telephone: +44 (0)1494 535312 Facsimile: +44 (0)1494 438669  
E-mail: info@martin-audio.com

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